

SALES APPLICATION ON DISTRO SOUPLAY

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Abstract

The development of the business world is now inseparable from the support of technology, especially computer technology and information because in increasingly modern economic activities are needed the existence of computer technology to support and facilitate all economic activities to achieve these goals. With the use of computers as a tool in Distro Souplay does not mean without problems, there are still troublesome things and obstacles to create a comfortable and efficient atmosphere while in Distro suoplay. The accumulation of irregular goods data. The slow search for data needed when ordering an item of goods Adds knowledge and insights, especially about the sale of goods and implements the science obtained in lectures into the business world..

Introduction

The development of this world is currently running very rapidly which creates an increasingly tight competition (Sastro M, 2017). Accompanied by the development of information technology, causing the flow of information that is difficult to obtain can now be easily obtained according to needs (Crotty, 2005). Computer is a device needed for the process of presenting data processing so that the processed data can provide the necessary information can be realized (Simarmata et al., 2020).

The development of the business world is now inseparable from the support of technology, especially computer technology and information because in increasingly modern economic activities are needed the existence of computer technology to support and facilitate all economic activities in order to achieve these goals (Van den Ende & Kemp, 1999). With the use of computers as a tool in Distro Souplay does not mean without problems, there are still troublesome things and obstacles to create a comfortable and efficient atmosphere while in Distro suoplay (Al-Mubarak et al., 2007). The accumulation of irregular goods data. Slow search of required data when ordering an item (Talib, 2014).

So to be able to produce information quickly and accurately can not be met. Almost every work related to accuracy and speed in data processing is done with this tool (Sumakul, 2015). Despite the large amount of data, the presentation of the results can be completed in a short time. Distro is a shop that sells a variety of goods such as clothing, pants, jackets, shoes and others (Kim, 2013). Which is a major need for everyone now. More importantly, especially young people, therefore business in this field will be very promising for now and in the future (Mutoharoh, 2018).

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Based on the description above, the author is interested in creating an Application for the sale of goods in Distro Suoplay that will help the Distro in running its business better and is expected to improve the performance and quality that has existed, especially in terms of sales transactions of Distro goods (Indrajani, 2011). The title the author took for the final task was "Sales App On Distro Suoplay"

Distro Suoplay is a shop engaged in the sale of shoes, pants and others. Distro's business unit is growing in all Indonesian entrepreneurs.

Method

Research objectives

The objectives to be achieved by writing this final task are as follows: A. As one of the requirements to complete diploma III (D3) program. B. Implementation of goods sales program using Visual Basic.

Benefits of research

Benefits of research This final task, supporting the sales program system, among others:

- a. Presenting an application program for the sale of goods that is expected to be one of the alternatives in solving problems faced by the owners of Distro Suoplay.
- b. Development of sales program system that can help to implement or implementation of sales program application in Distro Suoplay in running its business better and can improve performance and quality, especially in terms of sales transactions of special goods Distro Suoplay.
- c. Adding knowledge and insights, especially about the sale of goods and implementing the science obtained in lectures into the business world.

Results and Discussion

A. System Design

1. Entity Relationship Diagram / ERD

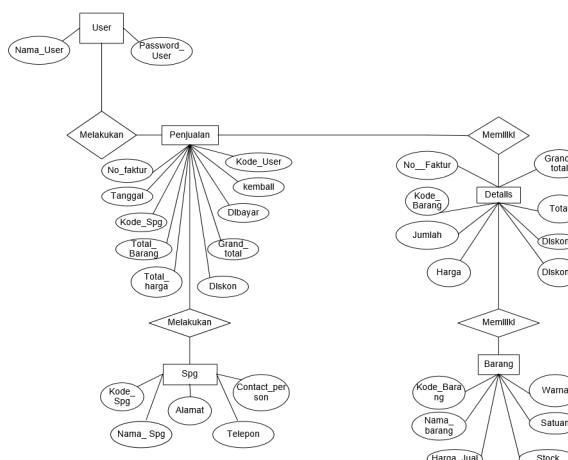
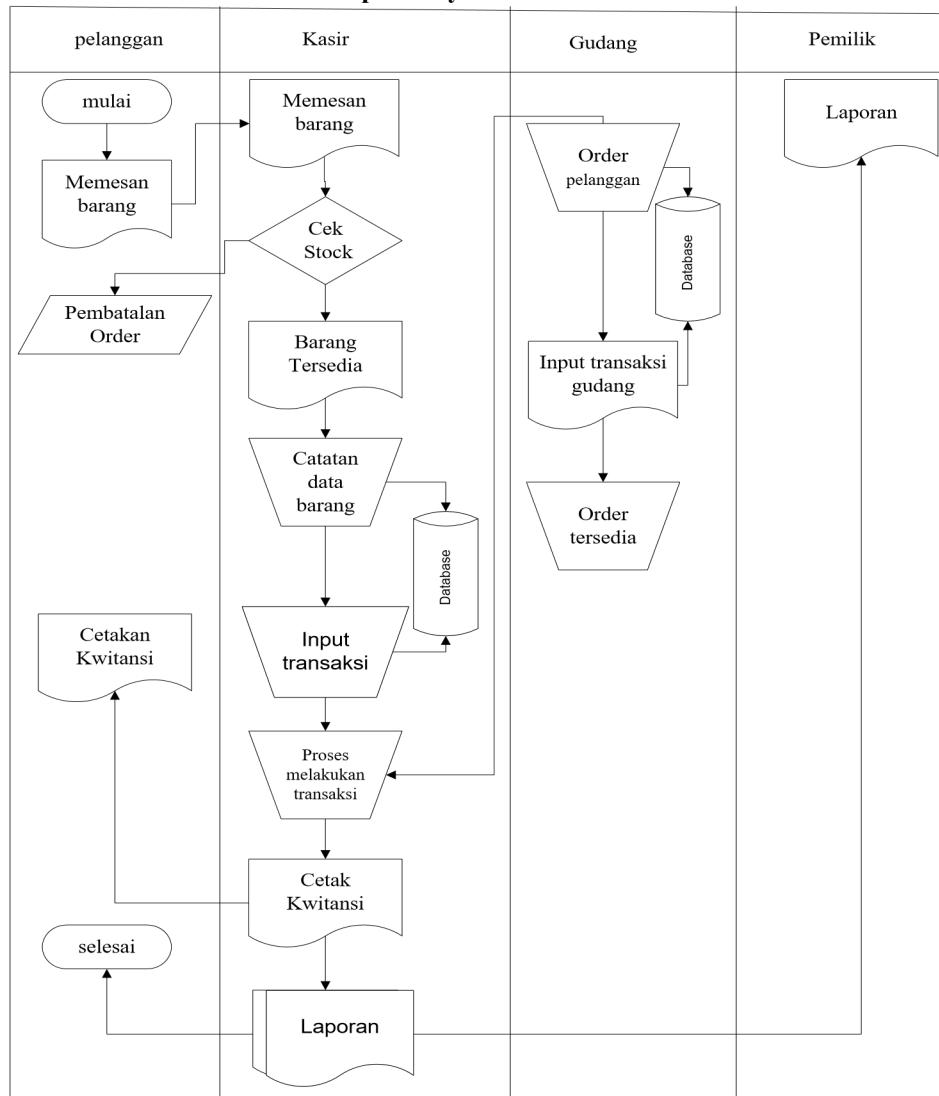


Figure 1
Entity Relationship Diagram

2. Running System

Table 1
Proposed System Document



3. Normalization

a. Unnormalisasi

Table 2
Transaction Table

No_faktur	Kode_Barang	Nama_Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
1106010000000	110022	Kemeja Bloods	1
Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
10%	180000	200000	20000
Nama_Spg	Grand_total	Tanggal	
Diar	135000	11/Oktber/2016	
Diar	200000	11/Oktber/2017	

b. Normal Shape To One (1 NF)

Table 3
Transaction Table

*No_faktur	*Kode Barang	Nama Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
1106010000000	110022	Kemeja Bloods	1
Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
10%	180000	200000	20000
Grand_Total	*Nama_Spg	Tanggal	
135000	Diar	11/Oktber/2016	
200000	Diar	11/Oktber/2017	

Description: * candidate key

c. Second Normalization Shape (2 NF)

Table 4
Transaction Table

*No_faktur	**Kode Barang	Nama Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
1106010000000	110022	Kemeja Bloods	1
Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
200000	20000		10% 180000
**Nama_Spg	Grand_total	Tanggal	
Diar	135000	11/Oktber/2016	
Diar	200000	11/Oktber/2016	

Description: *primary key** guest key

Table 5
Goods Table

**Kode Barang	Nama Barang	Satuan	Total_Harga
110011	T-shirt Ouval	1	135000
110022	Kemeja Bloods	1	180000

Table 6 Table
Spg

**Nama_Spg	Kode_Spg	Alamat	Telepon
Diar	Spg01	Bekasi	81290494949
Diar	Spg01	Bekasi	81290494949

4. Program View Design
a. Login Menu Design

LOGIN – DISTRO SOUPPLAY	
Nama	ADMIN
Password	XXXXXX
<input type="button" value="Login"/> <input type="button" value="Close"/>	

**Figure 2 Login
Menu Design**

b. Main Menu Design

FILE	TRANSAKSI	LAPORAN	KELUAR

**Figure 3
Main Menu Design**

c. Sales Report Menu Design

Bulan - Tahun	<input type="text"/>	<input type="button" value="View"/>
Spg	<input type="text"/>	<input type="button" value="View"/>
Persediaan	<input type="text"/>	<input type="button" value="View"/>

**Figure 4
Sales Report Menu Design**

B. Implementation

a. Relationships between Tables

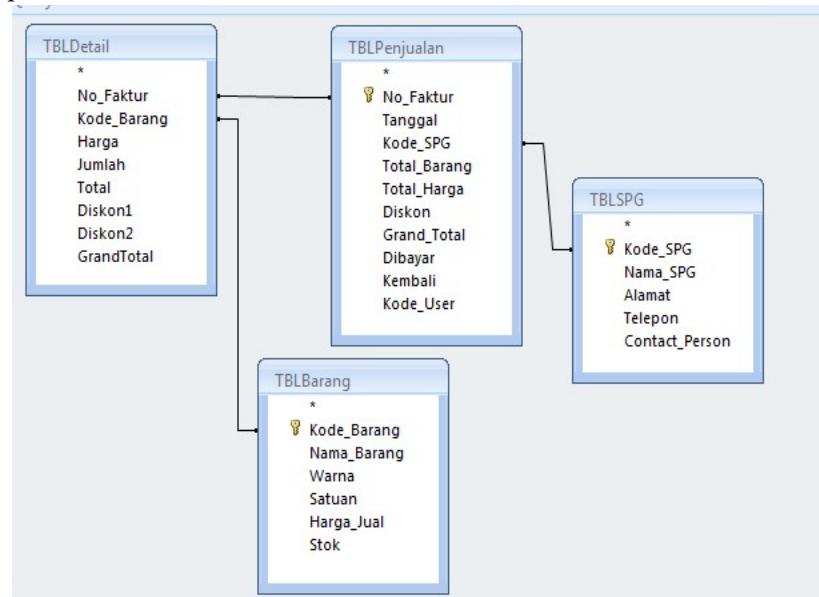


Figure 5
Relationships between Tables

1. Database Structure

a. File Structure Goods

Name File : Goods

Function : Entering the ITEM ID Code

Software : Ms. Acces

Table 7
Goods File Structure

Nama Field	Type Data	Size	Discription
Kode Barang	Text	13	
Nama barang	Text	30	
Warna	Text	15	
Satuan	Text	10	
Harga jual	Number	Long Integer	
Stok	Number	Integer	

A. Sales File Structure

File Name : Sales

Function : Entering Invoice No Code

Software : Ms. Acces

Table 8
Sales File Structure

Nama Field	Tipe Barang	Size	Discription
No Faktur	Text	10	
Tanggal	Date/Time		
Kode_Spg	Text	5	
Total Barang	Number	Integer	
Total Harga	Number	Long Integer	
Diskon	Number	Long Integer	
Grand Total	Number	Long Integer	
Dibayar	Number	Long Integer	
Kembali	Number	Long Integer	

a. File Structure Spg

Name File : Spg

Function : Entering Code Spg

Software : Ms. Acces

Table 9
File Structure Spg

Nama Field	Tipe Data	Size	Discription
Kode_Spg	Text	5	
Nama_Spg	Text	30	
Alamat	Text	30	
Telepon	Text	15	
Contact Person	Text	30	

b. Main Menu Display, Program Input and Output (Order from start to end of program)

1. Application Input Display

a) Form Login



Figure 6
Login Form View

b) Form main Menu



Figure 7
Main Menu Form View

a) Form Data Goods

Kode Barang	Nama Barang	Warna	Satuan	Harga Jual	Stok
11010101000000000000	T-SHIRT OVAL POLI PUTIH		PCS	89000	4
11020202000000000000	T-SHIRT BLOOD5 POLI hitam		PCS	110000	27
12010101000000000000	WRANGLER LEVIS Abu	Abu	PCS	299000	16
12010202000000000000	WRANGLER LEVIS PI Ungu	Ungu	PCS	279000	26
12020101000000000000	CELANA JODIE BLOOD hitam	hitam	PCS	245000	16
12020202000000000000	CF CORAK BLOOD5 hitam	hitam	PCS	250000	36
13010101000000000000	MIXTURE LEVIS Abu	Abu	PCS	238000	25
13010202000000000000	MIXTURE LEVIS SKAT Abu-abu	Abu-abu	PCS	299000	8

Figure 8 Display of Goods Data

b) Form Data Spg

Kode SPG	Nama SPG	Alamat	Telepon	Contact Person
SPG01	DIAR	CANDUR	08214567890	081234567890
SPG02	ENUNG	TASIKMALAYA	08220548	08111010900

Figure 9
View Data Spg

c) Form Sales Transactions

No.Faktur	Tgl.Faktur	Tgl.Penjualan	Car. Nama Barang
001001	2020/01/01	2020/01/01	11010101000000000000 T-SHIRT OVAL POLI
			11020202000000000000 T-SHIRT BLOOD5 POLI
			12010101000000000000 WRANGLER LEVIS
			12010202000000000000 WRANGLER LEVIS PI
			12020101000000000000 CELANA JODIE BLOOD
			12020202000000000000 CF CORAK BLOOD5
			13010101000000000000 MIXTURE LEVIS
			13010202000000000000 MIXTURE LEVIS SKAT
			13020202000000000000 NEW BALANCE BLUE
			13020303000000000000 NEW BALANCE BLACK
			13080101000000000000 ALL STAR PELOS
			13080202000000000000 VANS OLD SCHOOL
			13090101000000000000 VANS OLD SCHOOL
			13090202000000000000 VANS OLD SKATE
			14010101000000000000 FIVE STAR WATER
			14030303000000000000 RED MOVE WATER
			14050101000000000000 CHUCK TAYLOR
			14060101000000000000 CHUCK TAYLOR

Figure 10
Sales Transaction View

d) Form Sales Report



Figure 11
Sales Report View

2. Application Output Display

a. Sales Data Report

LAPORAN PENJUALAN DISTRO SOUPPLAY							
BULAN	November 2016						
Tanggal	Nama_Barang	Jumlah	Harga Normal	Diskon %	Harga Diskon	Grand Total	
13 November 2016	T-SHIRT DUVAL POLOS	1	Rp 84.000	0	Rp 84.000	Rp 0	Rp 84.000
13 November 2016	WRANGLER LEVIS	1	Rp 289.000	0	Rp 289.000	Rp 0	Rp 289.000
13 November 2016	T-SHIRT DUVAL POLOS	1	Rp 85.000	0	Rp 85.000	Rp 0	Rp 85.000
13 November 2016	T-SHIRT BLOODS POLOS	1	Rp 110.000	0	Rp 110.000	Rp 0	Rp 110.000
13 November 2016	WRANGLER LEVIS	1	Rp 289.000	0	Rp 289.000	Rp 0	Rp 289.000
13 November 2016	WRANGLER LEVIS PENDER	1	Rp 279.000	0	Rp 279.000	Rp 0	Rp 279.000
13 November 2016	CELANA JOGGER BLOODES	1	Rp 245.000	0	Rp 245.000	Rp 0	Rp 245.000
13 November 2016	CP COKAK BLOODS	1	Rp 236.000	0	Rp 236.000	Rp 0	Rp 236.000
13 November 2016	ALL START POLO	1	Rp 210.000	0	Rp 210.000	Rp 0	Rp 210.000
13 November 2016	VANS OLD SCHOOL	1	Rp 270.000	0	Rp 270.000	Rp 0	Rp 270.000
13 November 2016	NIKE AIRMAX	1	Rp 368.000	0	Rp 368.000	Rp 0	Rp 368.000
13 November 2016	GLOBE SKATE	1	Rp 283.000	0	Rp 283.000	Rp 0	Rp 283.000
13 November 2016	EVL SWEATER	1	Rp 189.000	0	Rp 189.000	Rp 0	Rp 189.000
13 November 2016	RED MOVE SWEATER	1	Rp 179.000	0	Rp 179.000	Rp 0	Rp 179.000
13 November 2016	DUTTY FOX JAKET PARABUT	1	Rp 167.000	0	Rp 167.000	Rp 0	Rp 167.000
13 November 2016	OUTAL JACKET DOMINO	1	Rp 196.000	0	Rp 196.000	Rp 0	Rp 196.000
TOTAL							Rp 4,563.000

Figure 12
Sales Report View

b. Sales Data Report between Spg

LAPORAN PENJUALAN DISTRO SOUPPLAY						
SPG	DIABR.					
BULAN	November 2016					
Tanggal	Nama_Barang	Jumlah	Diskon %	Harga Normal	Harga Diskon	Grand Total
13 November 2016	T-SHIRT DUVAL POLOS	1	0	Rp 85.000	Rp 0	Rp 85.000
13 November 2016	WRANGLER LEVIS	1	0	Rp 289.000	Rp 0	Rp 289.000
13 November 2016	T-SHIRT DUVAL POLOS	1	0	Rp 84.000	Rp 0	Rp 84.000
13 November 2016	T-SHIRT BLOODS POLOS	1	0	Rp 110.000	Rp 0	Rp 110.000
13 November 2016	WRANGLER LEVIS	1	0	Rp 289.000	Rp 0	Rp 289.000
13 November 2016	WRANGLER LEVIS PENDER	1	0	Rp 279.000	Rp 0	Rp 279.000
13 November 2016	CELANA JOGGER BLOODES	1	0	Rp 245.000	Rp 0	Rp 245.000
13 November 2016	CP COKAK BLOODS	1	0	Rp 236.000	Rp 0	Rp 236.000
13 November 2016	MIXTURE LEVIS	1	0	Rp 218.000	Rp 0	Rp 218.000
13 November 2016	MIXTURE LEVIS SKATE	1	0	Rp 288.000	Rp 0	Rp 288.000
13 November 2016	NEW BALANCE BLUE WHITE	1	0	Rp 310.000	Rp 0	Rp 310.000
13 November 2016	NEW BALANCE BLACK RED	1	0	Rp 310.000	Rp 0	Rp 310.000
13 November 2016	ALL START POLO	1	0	Rp 210.000	Rp 0	Rp 210.000
13 November 2016	VANS OLD SCHOOL	1	0	Rp 270.000	Rp 0	Rp 270.000
13 November 2016	NIKE AIRMAX	1	0	Rp 368.000	Rp 0	Rp 368.000
13 November 2016	GLOBE SKATE	1	0	Rp 283.000	Rp 0	Rp 283.000
13 November 2016	EVL SWEATER	1	0	Rp 189.000	Rp 0	Rp 189.000
13 November 2016	RED MOVE SWEATER	1	0	Rp 179.000	Rp 0	Rp 179.000
13 November 2016	DUTTY FOX JAKET PARABUT	1	0	Rp 167.000	Rp 0	Rp 167.000
13 November 2016	OUTAL JACKET DOMINO	1	0	Rp 196.000	Rp 0	Rp 196.000
TOTAL						
				Rp 4,343.000	Rp 0	Rp 4,343.000

Figure 13
Sales Data View between Spg

Conclusion

Based on the subject matter in the discussion that has been described in the previous chapters, the author can draw some conclusions including the processing of sales data of Distro Souplay is still piled on the Note. So when data storage error rate is still frequent, sales data of goods that have not been effective and data storage is inefficient. With the application of distro souplay sales program submitted has been computerized so that it can display accurate data so that it can facilitate the process of work. The application of Distro Souplay sales program improves performance and human resources so that it can create a fast and effective work process. With the application of distro souplay sales program can create ease in data storage and search..

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